

of the type shown in Figure 3 and generated by the logic of Figure 5.

**Figure 9** is an example of object code that can be programmed into microprocessor **9** of Figure 1 to implement the described process algorithms.

**Figure 10** is an example of object code that can be programmed into microprocessor **4** of Figure 1 to implement the described process algorithms including precision temperature control, warmer process, and signal encoding.

Thus it is seen that the methods of the present invention readily achieve the ends and advantages mentioned as well as those inherent therein. While a preferred embodiment of the invention has been illustrated and described for the purposes of the present disclosure, numerous changes in the arrangement and construction of parts and steps may be made by those skilled in the art, which changes are encompassed within the scope and spirit of the present invention as defined by the appended claim.